

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Weitz, Jeffrey I., et al.	Atty. Docket No.: GDV - 001.01
Serial No.: Not yet assigned	Examiner: Not yet assigned
Filing Date: Not yet assigned	Group Art Unit: Not yet assigned
Title: <i>Heparin Compositions that Inhibit Clot Associated Coagulation Factors</i>	

Assistant Commissioner for Patents
Washington, DC 20231

Certificate of Mailing	
I hereby certify that the instant "Preliminary Amendment" is being deposited with the U.S. Postal Service as Express Mail on the date set forth below in a postage-prepaid envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.	
12/21/01 Date of Signature and Mail Deposit	By: <u>Michael Phelan</u> Michael Phelan

Preliminary Amendment

Please amend the above-identified application as set forth below:

In the claims

Please cancel claims 3-34, without prejudice to the subject matter claimed therein. Applicants reserve the rights to prosecute the subject matter claimed therein in continuing and/or divisional applications.

Please add the following new claims:

- 35. (new) A medium molecular weight heparin (MMWH) composition comprising a mixture of sulfated oligosaccharides having molecular weights ranging from about 6,000 Daltons to about 12,000 Daltons wherein at least 15% of said oligosaccharides have at least one pentasaccharide sequence.